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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. TI-32569

First Inventor Forster

Title Low Cost Area Array Probe for Circuits Having  
Solder-Ball Contacts Manufactured Using a Wire  
Bonding Machine

Express Mail Label No. EL904320720US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 21]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Sheets 2]

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement [Power of  
(when there is an assignee) Attorney]

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure  
Statement (IDS)/PTO-1449 [Copies of IDS  
Citations]

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17. ☐ Other: .....

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: .....

Prior application information:

Examiner .....

Group Art Unit: .....

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The  
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

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or ☐ Correspondence address below

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Name (Print/type)

James C. Kesterson

Registration No. (Attorney/Agent)

25,882

Signature

James C. Kesterson

Date

21 Dec '01

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 954.00)

## Complete if Known

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Forster, et al.
Examiner Name	
Group Art Unit	TBD
Attorney Docket No.	TI-32569

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:Deposit  
Account  
Number  
Deposit  
Account  
Name

20-0668

Texas Instruments Incorporated

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
Applicant claims small entity status.  
See 37 CFR 1.27

2. Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
25	-20**= 5	18	90.00
4	-3**= 1	84	84.00
Multiple Dependent			

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 174.00)

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Name (Print/Type) James C. Kesterson

Registration No.  
(Attorney/Agent)

25,882

## Complete (if applicable)

Telephone 972-732-1001

Signature

James C. Kesterson

Date

21 Dec 01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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10066052-12401

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Forster

Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: Herewith

Docket: TI-32569

For: Low Cost Area Array Probe for Circuits Having Solder-Ball Contacts Manufactured  
Using a Wire Bonding Machine

**Certificate of Mailing via Express Mail**

**EXPRESS MAIL** mailing label number: EL904320720US

Date of Deposit: December 21, 2001

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent Application, Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202:

- Utility Patent Application Transmittal (1 page)
- Complete Copy of Patent Application (25 pages), to include:
  - Specification (21 pages)
  - Informal Drawings (4 pages)
- Declaration and Power of Attorney ( 2 pages)
- Assignment Recordation Cover Sheet (1 page)
- Copy of Original Signed Assignments ( 2 pages)
- Fee Transmittal (1 original and 1 copy)
- Two (2) Return Postcards

Respectfully submitted



Nancy J. Todd  
Legal Assistant

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10026052 "122101

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/28/2001 GGEBREA1 00000022 200668 10026052

01 FC:101	740.00 CH
02 FC:102	84.00 CH
03 FC:103	90.00 CH